Vol. 30. No. 17, Bethpage, N. Y., Sept. 24, 1971

plane GRUMMAN news

Record setter! OAO, still 'on track,' nears third birthday in space

GAA sets Hobby Show dates; top prize $100 Savings Bond

The annual Grumman Hobby Show comes into view next month, with prizes for the talented in 24 different categories, ceramics to woodwork, gunsmithing to sewing. Top prize for Best in Show is a $100 U.S. Savings Bond.

The dates for submitting entries are Monday, Tuesday, and Wednesday, October 18-20, 4-6:30 p.m. Members of the Grumman Athletic Association staff will be at the Plant 28 Auditorium to accept entries.

Judging will take place Thursday morning, and prizes will be awarded Friday noon. Visitors will be welcome on Thursday and Friday, 4:30 to 7, and from noon to 4 on Saturday and Sunday.

Grumman retirees are also invited to enter their handiwork in the show.

Some guidelines set forth by GAA are:

Entries must have been completed during the past year, and **entries from previous Hobby Shows are not acceptable.** Not more than two entries may be submitted by one person in any one category, with a maximum of six in all categories. Coin exhibits are limited to one display case.

Entry blanks and information are available from GAA, Plant 28B, Ext. 2133 or 2269. Calverton employees contact Katherine Eng, Plant 6 Library, Ext. 335.

These are the hobby categories:

1. Ceramics
2. Collections - Coin
3. Collections - Stamps
4. Collections - Misc.
5. Crocheting
6. Embroidery
7. General
8. Gunsmithing
9. Knitting
10. Leather Work
11. Metal Work
12. Model Planes - Flying - Scale
13. Model Planes - Flying - Non Scale - Original Design
14. Model Planes - Non Flying - Scale
15. Model Planes - Non Flying - Non Scale - Original Design
16. Model Railroads
17. Needlework
18. Science - Working Models
19. Sewing
20. Ship Models - Kits
21. Ship Models - Original Design
22. Ship Models - Scale
23. Wood Carving
24. Woodworking

If your hobby fits into any of these categories, trundle it to the Grummar Hobby Show and give it a chance to win.

For the artistic in other directions, GAA is sponsoring an Art & Photography Show in Plant 28, November 11 - 14. Sculpture, too.

Carrier pilots find new friend in sky— dub KA-6D tanker 'best in the business'

It hasn't taken long for Grumman's KA-6D tanker to prove its worth!

Lt. Cdr. Gary Wheatley of VA-115 aboard the carrier USS Midway has extolled the virtues of the aircraft in an article written for Naval Aviation News.

At first look, records Commander Wheatley, there was a lack of enthusiasm when the tanker got to Yankee Station last January. After all, the KA-6D had "a three-g acceleration limit," thereby negating its use "for visual bombing and air combat maneuvering. . . . " So KA-6D seemed, in the Commander's words, "drastically limited to instrument training, cross-country, and, of course, tanking."

That, however, was only at first look. Soon there came a better balanced appraisal. Says Commander Wheatley:

"The Squadron soon found that the tanking capability of the KA-6D was superb and the training syllabus was modified to exploit that capability. . . . A rendezvous with the KA-6D provided the capability of packing more training into every flight and thereby accelerating the training syllabus.

"The area best exploited however was field carrier landing practice." Continued the Commander:

"By stationing the tanker overhead the bounce pattern, airplanes approaching low fuel had merely to climb out of the pattern, plug the tanker, fill back up to maximum bounce weight, and return for another period. . . . One fully loaded KA-6D permitted four other A6s to double cycle. This procedure. . . . was quicker, safer, and easier than on-deck, hot refueling. Aerial refueling required less work for the maintenance troops (Line Division), it made the pilots extremely proficient in day and night refueling, and it reduced the number and length of night operations. This was a boost to everyone's morale during those last few days at home, prior to deployment."

According to the Commander, a "yo-yo" system has met with success. That is, as the refueling capacity of the initial tanker is depleted a second tanker remains on duty by being refueled by the original tanker. That procedure, says Commander Wheatley, "has several distinct advantages: First, it puts maximum fuel in the air when it is needed most. Second, it delivers the fuel rather than consuming it to keep the tanker airborne. Third, it permits the same tanker to be used on every cycle except the first and last, and in effect, reduces availability and handling problems."

Commander Wheatley praises KA-6D's "airframe reliability" and easy deck handling, and calls the aircraft "the best carrier-based tanker in the business."

About the cover . . .

On December 7 the Grumman/NASA Orbiting Astronomical Observatory, OAO-2, depicted on the cover by Craig Kavafes, will complete three years in earth orbit. When it reached 1,000 days, the staff at Goddard Space Flight Center celebrated with a party. OAO-3 is due to go into orbit next spring.

Senatorial visit. **Sen. Jacob Javits of New York (C) met with Lew Evans and Clint Towl recently just before the Senator spoke on 'Business and the Environmental Challenge.'**

Javits backs F-14

Sen. Jacob Javits of New York expressed his support of the F-14 program last week.

The Senator stated his view in a discussion that followed his address on "Business and the Environmental Challenge" before a meeting of the Long Island Association of Commerce and Industry. Senator Javits remarked that both he and the State's junior Senator, James Buckley, were committed to backing the F-14.

Senator Javits also took note of "such hard-hit industries as aerospace" and commended Grumman "for a new program they have started to retrain, over a six-month period, unemployed aerospace engineers, so that these engineers will be equipped for jobs in the field of environmental engineering and water quality." He saw this as an indication of what other industries could do during periods of unemployment.

But the main thrust of Senator Javits' remarks was the necessity to protect the environment. And he suggested that "we can use Federal programs to assist industries not only in complying with new and tougher environmental standards but also in developing new products and techniques in response to changing environmental demand." And he said:

"I believe that the most promising avenue for economic help to industries having trouble complying with environmental standards is the use of the loan programs under the small Business Administration and the Economic Development Administration and the current manpower programs of the Department of Labor. Later this year there will be an overhaul of existing manpower programs made in the Congress. . . . "

And he continued:

"Given the excess of scientific and technical talents which now exists, especially here on Long Island, it would be unfortunate if we did not retrain and redirect this talent into the pollution control field."

Plane talk. **Bob Smyth (L) and Mike Pelehach (R) flank Senator Javits as they discuss the F-14 program. Tomcat model is at left, Soviet model at right. (Photos by Fred Annette)**

OAO, with 'eye' on the universe, still discovering new data

The figures are steadily growing—and impressively. Grumman/NASA's Orbiting Astronomical Observatory, OAO-2, completed 1,000 days of successful stellar exploration on September 2 and is continuing its orbit of the earth 14 times every 24 hours. On December 7 it will round out three prolific years in space. Half of its star-tracking system is still operating after the first two years, and OAO continues to transmit valuable scientific data with only small limitations on its pointing direction. OAO-2 has far, far exceeded its mission success criteria, set originally at 30 days.

The closely knit Grumman/NASA team at Goddard Space Flight Center celebrated the "thousand days" with a cake and champagne party at OAO Control Center. Congratulatory messages came from Jesse L. Mitchell, director of Physics and Astronomy Programs, Office of Space Science and Applications, and from Edward E. David Jr., science adviser to President Nixon.

The wire from the White House said: "Congratulations on the scientific success of OAO-2 made possible by the teamwork between the principal investigators, the contractor, and the Goddard Space Flight Center of the National Aeronautics and Space Administration. Your combined efforts have produced significant gains in the field of astronomy and in our understanding of the universe and its processes."

'Major achievement'

The Mitchell message reads:

"A thousand days of successful OAO-2 operation is a major technological achievement. Please extend my congratulations and sincere appreciation to the team of university, industry, and government personnel who have made this event possible. I am proud of the outstanding scientific results presented last week at the OAO-2 symposium in Amherst and hope that the team's hard work, long hours, and anxieties are compensated partially by their contribution to the discoveries in astronomy."

The meeting in Amherst, Mass., was a symposium held at the University of Massachusetts August 23 and 24 to discuss the scientific data extracted to date from OAO A-2. The meeting was organized and led by Dr. Arthur Code, the principal investigator for the University of Wisconsin experiment, to present results from the OAO-2. Forty-one papers were presented on subjects that ranged from very detailed studies on one star through discussions of the general characteristics of galaxies.

Non-astronomers can guess that there was particular interest at the Amherst meeting in a "black hole" theory. To quote Ted Moorman, manager of the OAO Program, "At least one binary star, Beta Lyrae, is now suspected to be a combination of a star and a 'black hole' rather than two stars. These two bodies," explained Moorman, "are in some form of revolution about each other.

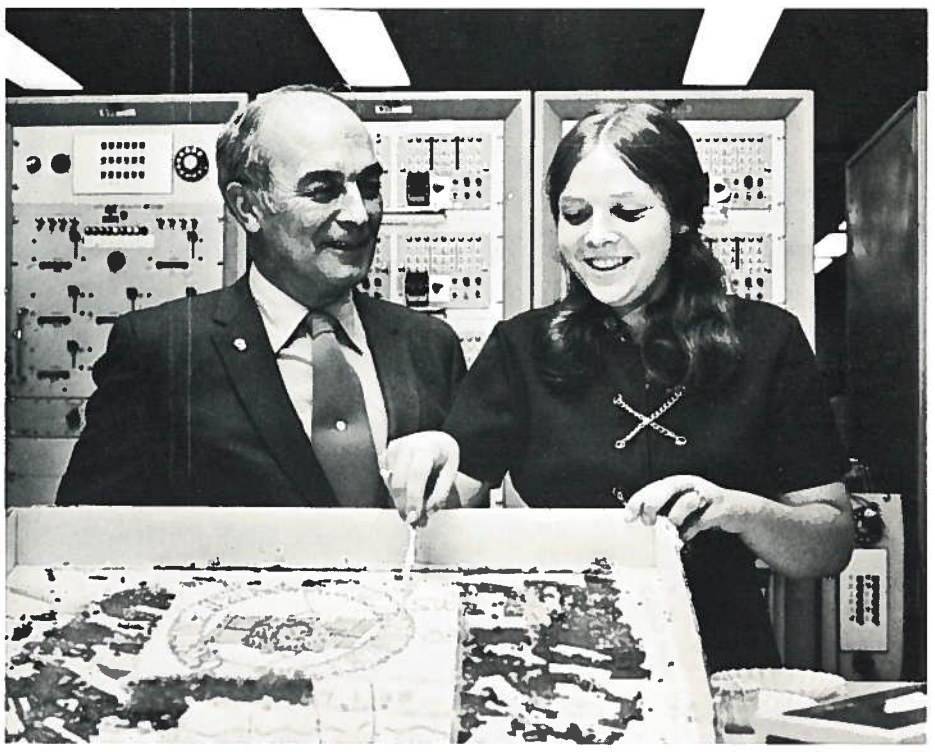
"A 'black hole,'" he explained, "is a portion of the universe which is collapsing inward upon itself faster than the speed of light and therefore cannot actually be seen because it is attracting all matter and light while emitting nothing."

Another experimental result that came up for discussion is that all stars that can be seen in ultraviolet light can also be seen in visible light. "This suggests to astronomers that, unlike the cases of X-ray and radio stars, it may not be necessary to deploy larger ultraviolet telescopes to discover previously unobserved stellar objects," reported John Noble Wilford in The New York Times.

Another OAO on tap

"Back at the ranch," the next Orbiting Astronomical Observatory, OAO-C, has just completed thermal vacuum testing in the Goddard Space Flight Center chamber. It will carry a Princeton and a University College of London experiment into orbit next May. The staff is hoping that OAO-2 will continue at least long enough so that the Control Center at Goddard will be monitoring two observatories in orbit at the same time: OAO-2 and OAO-3.

Chris Witt and Pete Simmons are working on plans for an LST (Large Space Telescope) with a 118-inch mirror. A Request for Proposal from Goddard is anticipated in late 1971 or early 1972 for a Phase B Study.

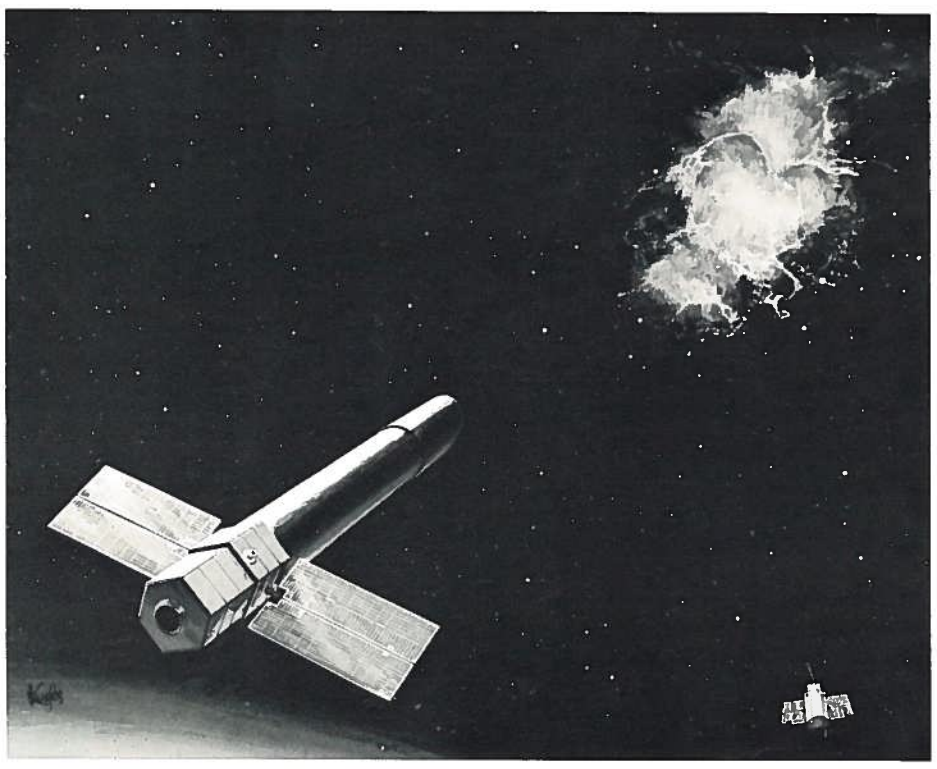


Achievement in space. In celebration of 1,000 days of successful orbiting of OAO-2, Grumman had a cake and champagne party September 2 at Goddard Space Flight Center, Greenbelt, Md. Two of the smiles belonged to Earl Light, Grumman base manager at GSFC, and his secretary, Nancy DaSilva. (GSFC photo)

Wydler to speak

The newly reactivated New York Section of the American Astronautical Society is presenting a "Space Smorgasbord" Thursday, Sept. 30, at Four Seasons Country Club in Woodbury. Speakers will be Congressman John Wydler and John Noble Wilford, feature science writer for The New York Times. There will also be a surprise movie.

A cocktail reception at 6 p.m. will be hosted by Fairchild-Hiller Corporation. Individual tickets: $5. For information and tickets call Saul Ferdman, Advanced Space Programs, Ext. 1976.



Long-range program. Large Space Telescope (LST) now being studied by Grumman would be launched in late 1970s and would be capable of being updated from the Space Shuttle. (Rendering by Craig Kavafes)

Begin F-14 maintenance program

All the naval uniforms in Plant 39 these days and in Plant 5 Cafeteria at the noon hour are a "badge of excellence" for the wearers. These men, selected from 1,500 applicants from all over the world, have obligated themselves for three years' duty in order to become experts in the maintenance of the Navy's newest fighter, the F-14. Following a period of classroom, lab, and trainer instruction, some will teach at a new Naval Air Maintenance Training facility being built at Miramar, California; others will go on through that school's curriculum and out into the Fleet—experts on the maintenance of F-14A Tomcat.

The first of this group of 450 enlisted men chosen by the Navy began to arrive at Grumman's Plant 39 Training Center last Monday.

"The purpose of the F-14 Factory Training Program," said Bill Borruso, F-14 Training manager for Product Support, "is to give each of these men a sound academic grounding in his specialty: power plant, structures, avionics, or whatever—and to provide him with the best possible training to assure proper support of the F-14A Tomcat in the field.

"After they get through our training program, they will do one of three things: go to the Board of Inspection & Survey trials, to a Replacement Carrier Air Wing for on-the-job training, and 60 will become instructors at Miramar's new F-14 training facility."

Under the overall F-14 Integrated Logistics Support Program, headed by Dean Swain, a combined Training Plans Conference and Trainer Design Conference was held in September, 1969, at Grumman, where a blueprint for the efficient training of these 450 men was drawn up. The present program is the result. This is one of the largest naval groups of personnel ever cycled through a contractor's plant for factory training. In addition, the F-14 systems probably constitute the greatest challenge of any current aircraft.

In all, 25 Grumman instructors headed by Steve Kertesz will provide this training until June. To a large extent, the Tomcat's success depends upon this hand-picked group. Quite a challenge!

service milestones

30

Walter J. Zembko, Proto. (1)
Nicholas F. Simone, Inst. Test (1)
Elbert W. Matthews, Prod. Ctl. (1)
Edward A. Zajicek, Heat Treat (2)
Robert L. Braun, Supp. Equip. Prod. (2)
Arthur Micco, Prod. Ctl. (2)
John Campbell, MP & P (2)
Edward J. Nosewicz, Tool Fab. (2)
Nicholas Bilogan, Tool Fab. (2)
Fred H. Meiners Jr., Tool Fab. (2)
Paul Panasuk, T/M Eng. (2)
Fritz Bauer, Static Test (5)
Warren J. Kenny, Flt. Accept. (7)
George H. Campbell, Hyd. (14)
John Lee, Transp. (20)
Edward F. Reilly, Inv. Ctl. (21)
Edward J. Vana, Engg. (25)
John J. Lata, Sub. Assem. (27)
Hubert Sheridan, Mach. Ops. (27)
Walter J. Mohr, P/S Prog. Supp. (30)
John B. Leonard, Flt. Ctl. (35)
Frederick W. Haas, Prod. Ctl. (36)
Angelo Galgano, Tool Fab. (36)
Richard N. Bennett, Prog. Mgt., Fort Worth
John R. Thuren, Flt. Ops., Stuart

25

Albert J. Beauregard, F-14 Prog. (1)
Chester P. Vitek, Sm. Pts. Fab. (2)
Edward E. Mayer, Prod. Ctl. (3)
Daniel S. Lynch, Dir. Ops. Anal. (5)
Victor J. Echausse, Final Assem. (6)
Lawrence R. Remsen, Elect. Rep. (6)
Harry S. Hansen Jr., Proj. Engg. Dev. (25)
Stephan Sekelsky, Plexiglass (27)
Bernard Paz Jr., Fluid Pwr. (34)
Ruth B. Luhrssen, Lds. & Crit. (35)
Albert Guerrera, Uphol. (36)
George Bereznak, Hull Assem. (36)
Charles E. Kroupa, Base Mgr., KSC
Peter N. Layton, Prod. Tech., Mgt. & Staff W. Coast

20

Alphonse J. Kraujalis, Sub-Assem. (1)
Joseph Lengyel, Pre-Flt. Fin./Sys. Install. (1)
Peter J. Saukas, Elect. Fab. (1)
Louis M. Tucciarone, Ind. Engg. (1)
Henry Dreyer, Proj. Plan. (1)
Thomas Clary Jr., Press (2)
Herbert Albers, Spotweld (2)
John Fish, Parts Paint (2)
Jodie P. Hennessey, GSE Mech. (2)
Frederick A. Torrey Jr., Controls (2)
Thomas W. Greiner, Tanks & Ducts (2)
Stanley Doris, Ctr. Sect. Fin. (2)
Henry J. Fernandez, Hyd. (2)
William Soltan, Hyd. (2)
Hubert Woerlein, Prop. Test. (2)
Frank De Giacomo, Mach. Shop (2)
John Aprea, Prod. Ctl. (2)
Thaddeus Morris, Prod. Ctl. (2)
Donald F. Mayer, Prod. Mfg. Adm. (2)
Charles E. Green, Prod. Ctl. (2)
Fred J. Hofer, Tool Fab. (2)
Eugene J. Balfe, Tool Fab. (2)
Alfred A. McCune, T/M Engg. (2)
John Flori, Maint. (2)
Richard J. Lindstrom, Food Serv. (2)
Christopher G. Poulakis, Router & Shear (3)
Joseph Medica, Parts Paint (3)
Howard V. McKee, Honeycomb (3)
John Verity, Fin. Assem. (3)
Charles Stenzel, Wing Sub-Assem. (3)
Joseph Kubik, Honeycomb (3)
John J. Jace, Honeycomb (3)
Irving Goodman, Honeycomb (3)
Robert Surprise, Plt. Mgt. & Staff (3)
Stanley Bentsen, T/M Engg. (3)
Joseph P. Thomson Jr., Static Test (5)
Beatrice L. Frey, Food Serv. (5)
Howard Spegele, MP&C (6)
Ralph H. Francois, Ship. & Spares Ctl. (6)
James H. Smith, Crash Crew (7)
Edwin W. Ackerman, Flt. Avion. (8)
Eddie M. Cox Jr., Tool Fab. (11)
John J. Glozek, Drafting (15)
Theodore A. Bonavita, Ship. & Spares Ctl. (17)
Gerald F. Mason, Ship. & Spares Ctl. (17)
Walter I. Hess, Ship. & Spares Ctl. (17)
Robert L. Brandt, Ship. & Spares Ctl. (17)
Leonard T. Bascone, Ship. Insp. (17)
Anthony J. De Lucia, Trans. (20)
John V. Reinhart, Trans. (20)
James C. Ellis, Recvg. Insp. - Gen. (25)
Albert A. Fabiano, P/S Prov. Req. (30)
Albert Randall, Maint. Adm. (30)
Sadie Amico, Food Serv. (30)
Stanley F. Johnson Jr., Wire Prep. (33)
Albert Naclerio, Alight. Gear. (34)
Russell Cunningham, Hull Assem. (36)
John H. Casey, Prod. Ctl. (36)
Harold Phillips, P/S Train. (39)
Warren H. Stark, Elect. Fab., Savannah

15

Oscar J. Chliviny, Fuse. Fwd. (1)
John Crawford, Fuse. Join. (1)
Walter Gatz, Fuse. Join. (1)
Wallace Howitt Jr., T/M Engg. (1)
Rudolph A. Dauber, Tool Fab. (1)
Nicholas Soley Jr., Integ. (1)
Malcolm D. Flack, Comp. Appli. & Des. Proc. (1)
Charles Thiele Jr., Press (2)
Paul A. Walters, Hyd. (2)
Frank Adams, Hyd. (2)
Marvin E. Small, Hyd. (2)
Frederick J. Glueckert, Prod. Ctl. (2)
Harold F. Haslach, Insp. Mech. (2)
Ernest L. Valentine, Chem. Mill (3)
Dominic Felago, Honeycomb (3)
Joseph Simonelli, Fin. Assem. (3)
Vernon J. Turple, Wing Sub-Assem. (3)
Joseph A. Cavola, Honeycomb (3)
Anthony Nuzzi, Prod. Ctl. (3)
Arthur G. Eberhard, Mach. Shop (5)
Herbert Baker, Research (5)
Gerard F. Peithman, Grd. Test Inst. (5)
James E. Lindsay, Hyd. (6)

(Continued on page 5)

C. P. Vitek

E. E. Mayer

D. S. Lynch

V. J. Echausse

L. R. Remsen

H. S. Hansen

A. J. Beauregard

S. Sekelsky

B. Paz

R. B. Luhrssen

A. Guerrera

G. Bereznak

C. E. Kroupa

P. N. Layton

On the list!

If you've had to change plant or department location in the past six months, or if you're on a different job assignment, the following message is especially for you:

The fall-winter edition of the Grumman telephone directory will go to press shortly. All alphabetical listings should be brought up to date by submitting change cards (EDPC 45B) to the chief operator at Plant 2.

Cards to change telephone listings (EDPC 45B) may be obtained at Corporate Services counters, Employee Services offices, or from the Plant 21 warehouse.

Seattle bound. As the first of nine car bodies made for Westinghouse was completed, a lot of people at Savannah took a long look at the 37-foot car that is destined to become a rapid-transit unit underneath the Seattle-Tacoma International Airport. (Photo by Cary Van Sickle)

'People movers' taking shape at Savannah facility

SAVANNAH, GA.—SEA-TAC—it's being called the "people mover."

Actually, it's an underground system of automated cars—each 37-feet long—to move airline passengers in the Seattle-Tacoma International Airport's terminal buildings. So "people mover" is apt terminology.

The importance for Grumman is that these car bodies are being built at Grumman's Savannah facility, Plant 55. Several cars have been delivered already; by the end of the year, the ninth and last car will be delivered.

Grumman is building the car bodies for the Westinghouse Corporation.

The airport rapid-transit system's layout is like a figure eight, with a south loop and a north loop and a connecting shuttle. The vehicles operate independently, either singly or as a train. The train can hit 25 miles per hour. So-called "dwell time" (a station stop) is to vary, on the average, of 40 to 60 seconds. Total trip time is not to exceed four minutes.

There are no drivers or motormen: All train movement is controlled by fail-safe electronic equipment. When fully loaded, each car can accommodate 106 passengers.

Al Lemlein, the man in charge of the Savannah facility, says the people-mover "has been and is an extremely challenging project. Because of a tight schedule and a tighter budget, it has required us to use greatly simplified methods of procurement and manufacture.

"We've learned a great deal during this project, and we're looking forward to the next such effort."

Be a Wise Owl – remember, it could be you!

An old familiar tune, "It can happen to you."

Those who recall it know it was a dreamy melody in a "lovers-only" genre. But there's another, more dreary side to that line—something quite negative. And that might have occurred, except that two Grummanites had their wits about them: Both were wearing safety glasses when an accident struck.

First, there's Roger Nehl, night shift structural mechanic in Plant 1. "I was working in tight quarters on the inside of a center bulkhead on the F-14. I started to drill a hole and the drill broke off and hit the right lens of my safety glasses. Thankfully, my eye wasn't injured."

Something similar happened to Bob Feinman, an assembler at Plant 36. He was drilling a hole in the aft beam of the A-6E fin. "The drill bit penetrated the hole," says Bob, "struck the back of the beam, broke and bounced back. It hit the right lens, but the glass held."

It makes one wonder why some people walk around in safety-hazard areas without wearing their safety glasses—unless they're content to live with just one eye. That's hardly credible. Maybe they think that they're different . . . but it **can** happen to you!

CALENDAR of events

Notice of events for period Oct. 8 - Oct. 22 should reach Plane News by **Tues., Oct. 12.**

Amateur Radio Club: Wed., Oct. 20, 5 p.m., WA2LQO radio shack on roof of Plt. 5. Emmett Goodman, Ext. 87125.

Chess Club: Every Tues., 4:30-9 p.m., Plt. 3 Cafe, inter-company tournaments; new members needed for L.I. commercial chess league tourn. coming up. Alex Ikonnikow, Ext. 7591.

Dance Club: Ballrm. dancing classes: beginners Tues., 8:30-10 p.m., St. Francis of Assisi, Northgage & Clay Pitts, Greenlawn; advanced, Thurs., 8:30-10:30, Portuguese Amer. Hall, 306 Jericho Tpke., Mineola. $2/session. Len Luke, Ext. 84065.

Duplicate Bridge Club: Every Thurs., 5:45 p.m., Plt. 3 Cafe, partnerships arranged. S. Stone, Ext. 3652.

Family Campers: Fri., Sat., Sun., Oct. 8, 9, & 10, Grumman picnic grounds, Calverton. Bill Lord, Ext. 2914.

Fencing Club: Mon. & Wed., 4:30-6:30 p.m., basic instr. & competitive fenc. Joe Campisi, Ext. 87587.

Over Forty Club: Tues., Sept. 28, 7 p.m., Hearthstone Inn, Rte. 109, Exit 33 S. State, elect. new officers & disc. future activities. Frank Mistretta, Ext. 2683.

Ski Club: Wed., Sept. 29, 8:30 p.m., Holiday Manor, Hicksville Rd., Bethpage. William Flynn, Ext. 1823.

Soc. of Mfg. Engg.: Mon., Oct. 18, 7:30 p.m., Graduate Ctr., Poly. Inst. of Bklyn., Rte. 110, F'dale., spkr. Mr. Hanrahan, Suffolk Co. Water Authority, 30 min. movie on Water Pollution. Dick Knoll, Ext. 2859.

Stamp Club (Bethpage): First 3 Wed. of month, 5 p.m., Plt. 30 Cafe., swapping, circuit bks., sales & auction. Marty Harow, Ext. 9172.

service milestones

15

(Continued from page 4)

Herman Heissenbuttel, Train. & Dev. (6)
James R. Golden, Insp. Mech. (6)
William H. Maken Jr., Recvg. Insp. (6)
Frank R. Paino, Avionics (6)
Eugene H. Bailey, Elect. Test (7)
Theodore J. Meyer, Flt. Dev./Ops. (7)
Robert Santiago, Plt. Mgmt. & Staff (7)
William H. Arns Jr., Veh. Prod. Engg. (7)
Oliver Tergersen Jr, Crash Crews (7)
Robert D. Breuer, QC Lab. (10)
Alfred Mielczarski, Insp. Tool (11)
William A. Terrell Jr., Maint. (12)
Michael Bartkow, Mtl. & Proc. (12)
Peter E. Ohlsen, Mech. Test. (14)
Justine D. Ceremignani, Adv. RF Sys. Tech. (14)
Frederick J. Finger, P/S Elec. & Integ. Engg. (15)
Robert J. Caire, P/S Prov. Req. (15)
Albert Prestinari, Equip. Lines (25)
Max W. Traut, Struct. Des. (25)
Gerard L. Verhayden Jr., Maj. Assem. (27)
Roy W. Dobbins, Sub-Assem. (27)
Joseph Oliva, T/M Engg. (27)
Vera E. Lanzer, Mtl. Acctg. (30)
Gerald Solarski, Flt. Avion. (33)
Raymond A. Fisher, Crit. Mtl. Ctl. (33)
Dorothy M. Little, P/S Sec. Serv. (34)
Eugene J. Kagiwada, Struct. Des. (34)
Peter J. Buddine, Wgt. Anal. (34)
William K. Greathouse, Propulsion (35)
Bernard Zapotowski, Lds. & Dyn. (35)
Robert E. Metz, Sub.-Assem. (36)
Benjamin Czizik, Repro. (36)
Daniel W. Murphy, Fuse. Join., Savannah
Robert L. Sendell, Pre-Flt., Savannah
James J. Brady, Tech. Ops., Stuart
Francis McQuade, GSFE, Greenbelt

OBITUARIES

Plane News has received word that death has come to the Grumman personnel listed below. We extend sincere sympathy to relatives and friends.

RALPH B. MORGAN of Grumman Data Systems died August 14. He was 61 years old and had been with Grumman 29 years. He lived at 64-60 82nd St., Middle Village.

GUSTAV F. MUHLBAUER of QC Supplier, Plant 35, died September 9 at the age of 60. He lived at 46 Colony Dr., West Sayville, and had been with Grumman since 1965.

EDWARD SHANK died September 13, on his 25th anniversary with the Company. He worked in T/M Engineering Methods - Aircraft Production, Plant 2, and lived at 100 Rhode Island Ave., Massapequa. He was 57 years of age.

JOSEPH A. PUTIS died September 15 at the age of 61. He had been with Grumman since 1962 and was in Field Base Administration, Plant 28. He lived at 62 Todd Ct., Huntington.

WERNER J. STIEBLER of QC Quality Engineering, Plant 10, died September 18. He was 55 years old and had been with the Company 34 years. He lived at 46 Chester St., East Northport.

Dimitry twirls 5-2 win over Stars to keep Simulation unbeaten

So far Simulation has been unbeatable this season—the team has a 12-0 record in the Tuesday American after-hours softball loop — and as daylight hours continue to wane the chances of any other team in the league knocking off the leaders seem to be waning too. Recently, the OAO Stars jumped on the Mets, 8-5, as Nick Giovanos and Bill Pewhyn combined for eight hits in the victory.

That glow didn't last long. Simulation met the Stars a week later in the playoff series and proceeded to dump them 5-2, as Jim Dimitry settled down after a shaky first inning and shut out his opponents the rest of the way. Walt Valkenaere, Mike Gabriel, and Dimitry supplied the hitting punch in that one, with Simulation's infield combining for four double plays.

Titans in upset

In the Tuesday National, the Titans edged the Woodpeckers, 9-8, with help of a 20-hit attack. The win over the league leaders earned the Titans a spot in the playoff finals, and it was Bob Verzera's single that knocked in the winning tally. . . . Earlier, the Druids spanked the Campbell Kids, 10-8, as Marv Meyer, Jim Rembert, Mac Baker, Charlie Smith, and Dick Truran hit effectively. . . That happy feeling proved to be only a fleeting one as the Woodpeckers later socked the Druids, 24-2. George Cumberland and Pete Viteritti poked homers in that one.

The Digits low-balled the Hi Balls, 10-4, in Wednesday American play as Paul Baritz and Jim Casey hit homers and combined for seven hits. The win put the Digits' mark at 12-0 for the season. . . In Wednesday National action, the Tomcats edged the Lancers, 9-8. Larry Hill of the Lancers clouted the only round tripper in the contest, but Al Stalb, Al Bauer, and Marty Fleming overcame that blast with some heavy hitting of their own. Homers by Al Kirillin, Gerry Heinzman, John Rizzo, John Wagner, and Jay Witte proved more than enough as the Hawkeyes zapped the Road Runners, 16-7, in Monday after-hours play. Mike Mole contributed five hits for the winners.

Tennis team keeps rolling

Winning the L.I. Industrial Tennis League championships is getting to be a habit with the Grumman varsity. Last week the tennis team clinched its ninth straight title in local competition with a 4-1 victory over Sperry at Hempstead Lake State Park.

Winners in the final playoff were: Fred Hermann and Bill Wenzel 6-0, 6-3; Al and Val Kirillin, 6-4, 6-2; Jacques Crouzet-Pascal and Jay Leng, 6-2, 6-1; John Hsu and Andy Kaufmann, 6-1, 6-0. The only Grumman team to lose was Gerry Fogel and Joe DeStefano, 4-6, 4-6.

The victory enabled Grumman to retire its third straight league trophy.

Net champs. The Grumman varsity tennis team added another L.I. Industrial title to a long list of honors recently by dumping Sperry 4-1 in the final league playoff. Pictured here are members of the squad: (front row) Dick Bergman, Don Bohling, Dick Reade, Capt. Fred Hermann, Tom Guarino, Bob Bentler, Jay Leng. (Back row) Joe DiStefano, Andy Kaufmann, John Hsu, Gerry Fogel, Al Kirillin, Val Kirillin, Jacques Crouzet-Pascal, Bill Wenzel. Not present for the photo were Coach Mitch Rosenbaum, Grant Hedrick, Charlie Kirbow, Dick Kline, Tom Adee, and Nevil Milford. (Photo by Bob Settles)

Plan hoop loop, billiards play

If doin' your thing takes in something as small as a pool table or as large as a basketball court, the Grumman Athletic Association may have something for you.

GAA announced last week that a pocket billiards league is being formed for the coming winter season, with play being held at the House of Lords in Plainview on a once-a-week basis, starting at 5 p.m. Match play will be on a handicap basis, and the fee is $1.25 for each session.

A meeting to organize the league will be held Tuesday, October 5, starting at 5 p.m., at the GAA office in Plant 28B on South Oyster Bay Road. For further information please call George Massey, Ext. 84218, George McLaughlin, Ext. 2250, or Mike Cherry, Ext. 2133.

Hoop league meets

Players who want to participate in the hoop league this winter will also gather at the GAA office in Plant 28B for an organizational meeting on Monday, October 11, starting at 5 p.m.

League play will start about November 2, with practice sessions scheduled for the last two weeks in October. Tryouts for the Grumman varsity basketball team, which will compete in local industrial leagues this season, are planned for November.

The "inter-mural" basketball league will be divided into two divisions — Tuesday and Wednesday — with games scheduled for Kramer Lane and Broadway Junior High Schools.

Moser hits 248 in pin opener; wind up golf action

Ray Moser, who rolls in the Masters loop, took down high honors in the league and in all the GAA-sanctioned circuits as the pin season got underway recently. Ray hit 800 for his four-game set in Masters play, with a 248 high spot along the way. Other highlights: Al Duspiva, 234-232-787; Fred Skirde, 233-790; and Jack Nielsen, 779.

It didn't take long for Joan Burgess to impress the rest of the league with what they knew all last season—she's usually near the top of the Patchogue Mixed field. In the season opener, Joan started right off with 201 and fiinished with 558 to share the first night's laurels with teammate Ken Becker. Ken fashioned a 220-589. Also in the vanguard were Val Lindstrom, 296-484 and George Landin, 200-575.

Harold Brower's 234-587 and John Cabbe's 222-541 were the lone high marks in the Red Loop, while Bob Dudonis hit 559 in Classified play, and Ed Lomot's 215-570 and Vin Iannacone's 547 sparked Aerospace kegling.

Burger shines

Summer is gone for another year, and so, too, are all the golf leagues that have been active since the start of daylight saving time. Al Burger fired a 39 for nine holes on the final night of Bearcat play on the Yellow course at Bethpage State Park, but it didn't help win him any prizes. Dick Moulton and Tom Schindler earned the top team prize, edging Walt Wenchel and Bill Treadwell, who were in second place and Ernie Neves and Bill Swinson, who finished third. Individual leaders were Frank Galluccio and Al Zarod.

In the Program Management loop, Mike Allegra shot a 39 in the final round and combined with Mike Viafora for a net 29. They overcame a four-stroke deficit to win the two-ball championship of the league. Runners-up were Charlie Fredericks and Charlie Weizenecker. Cliff Miller's 40 earned second gross laurels.

Among the other league titlists: Joe Marzano and Frank DiFrance gained top team honors in the Echo league. Paul Burke and Pete Corneau finished second, and Charles Lindblad and Reno Menichelli were third. Individual highlights were provided by DiFrance, Toom Soo, and Marzano in the A division, and by Corneau, Vinceguerra, and Lindblad in the B division.

Final standings in the Runamuck league found Jim Hassel, Carmine Vitale, and Roy Kudrzycki in the first three positions (scratch), and Tom Heiser, Joe Sweitzer the top two in handicap play. Third was shared by Don Purcell and Dan O'Neill.

Tourney winner

Lonnie Dennis, chief of Provisioning Documentation, Supply Operations, Plant 30, achieved a first (and a trophy) when he won the first annual Barry Shillito Open Golf Tournament at the Society of Logistics Engineers Convention in Philadelphia. Brig. Gen. Paul Smith, CO, Defense Industrial Supply Center, was runner-up to Dennis' 82. Barry Shillito is the Assistant Secretary of Defense for Installation & Logistics.

Flower show

The annual Fall Flower Show sponsored by the Grumman Garden Forum is scheduled for Wednesday, October 20, in Plant 30 Cafeteria. Employees and retirees are invited to exhibit flowers, fruits, and vegetables. First prizes will be pewter bowls, and there will be gift certificates from the Flight Shop and from nurseries. Show managers are Dot Kappenberg, Ext. 2114, and Mimi Abbatiello.

Wanted

TVS: Color, any repair. cond., reason. 931-3671, after 5.

CAMPER: '68-'69 hdtp. popup, sink, stove, refrig., etc., about $800. AN 5-7459.

MISC.: Used magnifiers, plane mirrors (sma.), optics for classrm. science, any equip. kits or game, donation only, for teacher. JU 1-3988.

WINTER COV.: for 27 ft. boat. 751-1086.

INCLINATOR: Or other mod. stair elevator. 746-2986.

MISC.: Old tin or cast iron still or mech. penny banks. 475-7181.

Free

KITTENS: Lrg. variety. 921-8293.

TERRIER: Mix., fem., tan, spay., 3½ yr., watch dog. ED 4-8815.

KITTENS: Jet blk., blk. & wh., male & fem. AN 1-2432.

Car Pool

COPIAGUE: To Plt. 3, 7:30-4. 842-3158.

For Rent

HOUSE: Long Bch. west end, 4 bdrm., comp. furn., till 6/15/72, $200/mo. IV 5-1315.

ROOM: Massapequa, lrg., furn. 798-6444, after 5.

ROOM: Grumman vic., pvt ent., furn., gent. only. 931-2044.

STUDIO RM.: Pvt. ent. & bath, refrig., lgt. cook. 587-7539.

ROOM: Furn., pvt. bath, resid. area, $30/wk. 621-7593, after 6.

Swap

BINOCULARS: 20x50 Caprice mod. #958, for binoculars 10x50. 587-7970.

Found

GLASSES: Ben Franklin, w/silver rims, Meyrowitz red & blk. case. Apply Engg. Counter, Plt. 5.

For Sale

HOUSE: Centereach, 3 bdrm. ranch, corner lot, 2 car gar., firepl., in-ground pool, $30,000. 588-6533, evgs.

SAILBOAT: Venture -17, retractable keel, 1200 lb. cap., 3 hp. motor, trlr., comp. rig. & moor., $2,100. 928-2413.

PACEMAKER: '59, 29 ft. Express Cruiser, flybridge, '68, 225 hp Palmer eng., f.w.c., 200 hrs., hd., comp. galley, new canv., camper bk., S/S, new cush., dinette & U-bunks, new. uphol. pilot seat, fully equip. for cruis., xtras, $5,300. MO 1-0127.

WATERFRONT STRIP: 50 ft. on Grand Canal Amer. Venice, Lindenhurst, bulkhd., fenc., lndscpd., elec. & water, $5,000. 226-7142.

FURN.: 94 in. salmon couch, $50. HA 3-5994.

PROPERTY: 100x100 approx. 5 blk. from Mohican Lake, 15 mi. S. Monticello, elec. & phone avail., $1,175. 293-9594, bet. 7-10 p.m.

MISC.: Grey sculpt. wool. rug, 9x12, $75; Royal port. typewriter; wood storms & screens; wood shutters, reason. 358-7506.

MISC.: 5 pc. bdrm. set, $150; love seat & 2 arm chrs., $90; 13x19 rug, $100; 80 bass accordion, $100; wed. gown, long veil, pill box hdpc., $85. LO 1-9126.

BICYCLE: 20 in. Sears, $25. 785-8324.

MINI-BIKE: '70 Rupp, 4 hp, $125. 289-1879.

CAMERA: Polaroid mod. 250, flash/case, $65. 585-9236.

LINCOLN: '64 Continental, fact. air cond., all pwr. xtras, ask. $300. 543-8194.

TRIUMPH: '69 GT-6+, lug. rack, mag hubcaps, 30,-000 mi., xtras, $1,800. 234-7211.

TOYOTA: '69 Corolla fastback, 4-spd., R&H, bkt. seats, avg. 32.5 mpg, $1,225. WA 2-4615.

T-BIRD: '65 hdtp., wh. w/blk. vinyl tp., air cond., pwr. steer., bks., & wind., nds. work, $350. 586-3070.

VW: '67 fastback, blk., new rac. eng., $575. 588-4714.

CHEVY II: '62 sta. wag., auto., radio, $125. 427-7664.

For Sale

TRAVEL TRLR.: '71, 23 ft. Aljo, comp. self-cont., dbl. sink, stove w/oven, gas, elec. refrig., shower, vanity, slps. 6, dbl. gaucho bds., used once, $3,100. 567-1303.

SAILBOAT: Fbgl. Sunfish, comp., blue & yel. sail, $350. 581-5775.

MISC.: '71 Starcraft Starmaster 6 and '71 Starmaster 8, fully equip., $1,295/ea. JU 4-6633.

SAILBOAT: 14 ft. Campion Fly. Jr., '56, fbgl. ctrbd., 20 ft. alum. mast, nylon sails, $450. GE 3-8829.

MISC.: Snows, Goodyear, 6.00x13, 2 mo. wear, $38/pr.; manual food slicer, $10. 354-1202.

HOUSE: St. James, 3 bdrm. cust. ranch, 2 bath, beam, den w/firepl., ½ acre, lndscpd., $36,000 prin. only. 751-1706.

GLASSCRAFT: '67, 18 ft. tri hull, 95 hp Hercury, pwr.-tilt trlr., xtras, $1,750. 732-6338.

CORVAIR: '65 Monza, std., R&H, 25 mpg, $375. 928-0840.

For Sale

CHEVY: '58 conv., $100 or best offer. HA 3-5994.

CAMPER: Crown Royale, slps. 6. 473-5386.

WAGON: '64 Chevy, 6 pass., 8 cyl., nds. work, $125. 732-0354.

TOYOTA: '69 Crown, 6 cyl., 4-dr., radio, vinyl tp., w/w, std., 15,000 mi., $1,600. FR 9-4271.

POOL: 18x33x4, I.H.P. fbgl., sand filt., 20 gauge liner, redwood deck., ladder, winter cov., 1 yr., $925. 669-5059.

CHEVROLET: '65 Impala, blue, 45,000 mi., 6 cyl., auto., pwr. steer., 4 new tires, new shocks & bks., ask. $800. 692-4654.

MISC.: 3 pc. liv. rm. sect., French prov., new cov., $300; mink wal. gl. tps. lamp tbls., $30/ea.; 36 in. hand paint. lamps, plus shades, $25/ea.; wh. & gold pole lamp, $20; Sunburst wall clock, wal. & brass, $25; wal. bkcase cab., $20; 26 yds. red, 28 yds. grn., broadloom carpet. & pad., $350. 681 5459.

at your SERVICE

This is a free service to Grumman personnel for non-commercial advertisements, accepted on a first-come, first-served basis. Classified advertisements are carried in PLANE NEWS only on the basis that everyone replying to such advertising will receive fair and equal consideration regardless of their race, creed, color, or national origin.

Type or print ad on form available at Employees Service and Engineering counters, and send via interplant mail to PLANE NEWS, Plant 5, Bethpage. List home phone (with area code if outside Nassau or Suffolk). Limit: one ad per person per issue. No item under $10, no firearms or ammunition.

PROPERTY: Ulster County, N.Y., 2 acres, ask. $3,500. 212 871-6217.

PUPPIES: Poodle, toys, minis, wh., blk., silver, $125. 732-0354.

SCHNAUZER: Mini, fem., AKC, 18 mo., gd. w/child., $75. WE 1-2339.

CADILLAC: '65 Coupe de Ville, charcoal grey, air cond., all pwr., 57,000 mi. MO 5-3626.

CAMERA: 8 mm movie, Carena Zoomex II, 5X zoom, elec. eye w/case, $50. 433-1180.

VACUUM: Sears compact type cleaner for auto or home, uses house pwr., attach., $15. 285-5252.

TV: 18 in. R.C.A. blk. & wh., cons., ask. $50. 724-0743.

TRAVEL TRLR.: '71 Borg-Warner Dreamer, 19 ft., new, tandem axles, slps. 6, air cond., hd., forced air heat., refrig., other features, $3,175. JU 4-6633.

TRIUMPH: '66 TR4A, grn., $850. MO 9-2566, after 6.

PLYMOUTH: '65 Belvedere, 3-spd., auto., V-8, $400. 368-3819.

STA. WAG.: '66 VW van, nds. work, $500. 732-1059, after 6.

CHRYSLER: '70 Newport, vinyl tp., air cond., auto., pwr. bks., 2-dr. tan, $2,900. 822-6960, after 6.

CADILLAC: '65 Fleetwood, fully pw'd., air cond., telescopic whl., $1,300. 212 673-0442.

VW: '61, sunroof, reblt. eng., hdrs., tach., new seat cov. 271-5275.

PLYMOUTH: '69 Grn. Roadrunner, new bks., carb., dist., & tires, $1,750. 888-5594, after 4.

MOTOR BIKE: 20 in. whls., 2½ hp, blk., twist grip, throttle controls, belt drive, $60. GE 3-7706.

HONDA: '69, 90cc, trail bike, 8-spd., 1,200 mi., $350. LI 1-8590.

DUMP TRK.: 10 whl., '62 Ford, best offer o'$2,500. 864-5681.

TRLR.: '70 Holsclaw tandem whl., winch & trlr. std., $400. MY 4-4084.

NIMROD: '69 Camelot hdtp., slps. 6, lrg. int., $850. HR 3-6422.

CAMARO: '69, wh./blk. vinyl tp., 350 c.i., bkt. seats, auto., pwr. steer., radio, rear def., new tires, recent. tuned, $1,995. MY 4-2805.

CHEVROLET: '64 Malibu SS hdtp., 8 cyl., auto. w/cons., wh. w/blk. vinyl int., pwr. steer., bkt. seats, new transm., bks., & muff, $500. 781-8653.

VW ENG.: '63, 40 hp, reblt. & install., $160. 273-7509.

ALFA ROMEO: '63 Spider block, 3-spd., manifold. C. Baumgartner, Ext. 2133.

SAILBOAT: 14 ft. Blue Jay, sails, spinnaker, trlr., 100 lb. moor., xtras, in water, $625. 921-5510.

HORSE: Palomino, gd. rider, $350. 665-2042.

GAR. DOOR: Wood, o'hd., 4 sect., 7x8, 3½ yr., trks. & sprgs., $35. 265-0161, after 5:30.

SAAB: '66, new tires, clutch, low mi., 4-spd. synchro. mesh trans. 864-5942.

FISH TANK: 29 gal., comp. w/std., reflect. & pump, $40. PE 5-1862.

BASS DRUM: 20x14 Ludwig, dbl. tom hldr., spd. king ped., case, $90; Bayley Eureka 100 jacket & pants, sz. ML, $95. MY 2-7378.

LAWNMOWER: 21 in. rotary w/B&S 3½ hp eng., $25 or best offer. 43-8631.
grasscatcher, new eng., $25 or best offer. 433-8631.

WASH. MACH.: Kenmore port., 3 cyc., 10-12 lb. cap., $100. 226-6877.

SKIS: 6 ft. 3 in. wood, never used, bind., $25; ski poles for 5 ft. 8 in. to 6 ft. 2 in. 681-9588.

WED. GOWN: & veil, bead. peau de soie, sz 7-9, best offer. WE 1-3873, evgs.

MISC.: 4 pc. sect., gold, w/4 tbls. & 1 chr., $200; col. kit. or din. rm. set, tbl., 2 leaves, 5 chrs., buffet, china closet, $160. 842-2711.

DIN. RM. SET: Tbl., 5 chrs., buffet, hutch, $125. 541-9266.

MISC.: Decor. hi-fi. equip. cab., sol. wal., holds all but spkr., $75; oil. wal. cocktail tbl. & match. lamp tbl., $50; couch, seats 4, $75. AR 1-2421.

AUSTIN AMER.: '68, auto., R&H, low mi., $900. 888-0422.

VW: '46 bus & camper, 4 new w/w, new eng., 8,000 mi., R&H, comp. w/bed., tbl., closet, 6 ft. encl. canv. tent, $1,100. 669-0922.

ENG.: '57 Vette, disassemb., $25, rear end & other parts avail. 226-5467.

HONDA: '71, 750cc, 4 cyl., gold, 2 helmets, crash bars, 5,,000 mi., $1,500. PE 1-1839.

CHEVELLE: '69SS, 396, 4-spd., posi rear, pwr. disc bks. & wind., bkt. seats, cons., stereo tape, R&H, red w/blk. int., bal. of warr. 757-4811.

PONTIAC: '69 Firebird conv., grn. w/blk. stripe, 350 c.i., 3-spd., auto., pwr. disc bks., & steer., mag whls., w/w, cons., xtras, $2,285. 751-3512, evgs.

CHEVY: '71 van #10, 6 cyl., std., $2,000. 298-4727.

BOAT: 14 ft. alum. Duratech w/trlr., '71, 25 hp Evinrude, spare tire & rubber whl. trlr. jack, fully equip., $900. 676-3559, after 6.

BOAT: '65 fbgl. Winner, 15 ft, blue runabout, $350; '66, 35 hp Mercury, $275; trlr. w. new hubs & bear., $75. 846-4661.

POOL: 4x24 all alum., wall, uprgts., cap, no maint., ¾ hp filt., all access., alum. ladder, hoses, nets, ask. $350. 724-0234.

REFRIG.: G.E., tp. freezer, $45; also, 10 ply tire, never used, 8x14.5, for mobile home. 924-5093.

For Sale

HOUSE: Farmingdale, 8 rm., 4-bdrm. cape, new kit., 2 zone heat, 1½ car gar., fenc., appli., porch, patio, pool, $31,990. 293-5385.

HOUSE: Bethpage-Plainview area, 3 bdrm. split, 2 bath, all appli., carpet., o'sz plot, $42,500. WE 8-5069.

HOUSE: Baldwin Sch. Dist., 7 rm., 3 bdrm. (up), lrg. liv. rm. w/firepl., full sz. din. rm., eat-in-kit., cust. panel., fam. rm., full sz. bsmt., attach gar. FR 8-7412.

HOUSE: West Islip, 3 bdrm. ranch-cape, 26x13 liv. rm., din. rm., eat-in-kit., fin. bsmt., half dormer. attic, 75x100. 587-8323.

HOUSE: Massapequa, 7 rm. col., 100x100, lrg. form. din. rm., 20 ft. kit., 1½ bath, stone firepl., w-w, fin. bsmt., o'sz heat. gar., $43,500. PY 9-8085, prin. only.

HOUSE: Massapequa, 9 rm. col. hi-ranch, 2 yr., 4 bdrm., 3 full tile bath, 30 ft. den w/firepl., form. din. rm., cust. kit., 2 ovens, eat-in dinette, wash. & dry., $43,000. PY 9-1131, prin. only.

HOUSE: Westbury, 3 bdrm. split, 2 car gar., xtras, ask. $45,000. ED 3-5273.

HOUSE: Coram, 3 bdrm. ranch, lrg. panel. fam. rm. w/firepl., s-s, xtras, $29,000. 698-3796.

HOUSE: Nr. So. State Pky., Exit 35, 4 bdrm. cape, corner prop., fin. bsmt. w/bar, w-w, s-s, recent. paint. ext., $35,000. 884-7111, after 6.

HOUSE: Levitt cape, 6 rm., fenc. bkyd., gar., $28,000. 731-0488.

BOAT: 34 ft. Jorgensen, flybridge, closed deck house, davits, fbgl. sail. dinghy, twin 210s, radio, depth finder, mono. hd., CO_2 sys. MY 1-7153.

OUTBD.: '70 Chrysler, 55 hp, all elec. cont., tank, xtra prop, $525. 585-7799.

BOAT: '63 Trojan, 21 ft. Sport Fisherman, flybridge, Navy tp., berth pd. for season, N. Shore, $1,750. JU 4-6090.

CAB. CRUISER: '63 Chris Craft, 26 ft., 185 hp, dinette, galley, hd., dockside pwr. sys. 549-4312.

SAILBOAT: 26 ft. O'Day Outlaw, slps. 4, lrg. cockpit, boom tent, hd., hold. tank, main & jib, bow & stern pulpits, lifelines, $5,250. 751-1141.

RUNABOUT: 14 ft. mahog. Hydroplane, 50 hp Merc. outbd., boat trlr., xtras, $600. 981-0123.

CLAMBOAT: 24 ft. Garvey, fbgl., $700. MO 9-4016, after 5.

TRLR.: '71 Apache Yuma, sol. walls & tp., cont. spare whl., wind. rain shlds., 8x10 awn., elec. bks., slps. 6, 1,000 mi., $1,150. 587-7431.

PROPERTY: 80 ft. front, 100 ft. deep, Central Islip, S. of L.I.E., util., nr. sch., $5,600. 549-8061.

POOL: 15x4 round, filt & access., nds. liner, $50. 669-0549.

POOL: 12x3, ladder, filt., filt. nds. work, $10. 751-3015.

POOL: 4x8, Lomart filt., ladder, skimmer, vac., hoses, 1 yr., $95. 543-9307.

MISC.: 18x4 Medallion, ladder, skimmer, filt., $120; wh. prov. desk, chr., ngt. std., $25; glass tp. dress. tbl., stool & skirts, $15; 10 hp mini-bike, Hodaka MC eng., $225. PY 8-4258.

HOUSE: Sayville, 7½ rm. cust. ranch, 1½ yr., 3 bdrm., 1½ bath, din. rm., eat-in-kit., fam. rm., full bsmt., attach. gar., o.h.w., 75x100, $30,800, pref. cash over. 567-4113.

MISC.: 3 pc. mod. sect., sol. color, flower, slip-cov., $200; 2 mod. end tbls., match. cocktail tbl., 2 cust. cork lamps, $50. 293-8343.

KIT. SET: Tbl. w/ext., gray, 4 pad. chrs., $40. JU 1-3125.

MISC.: Cust. antiq. satin drapes, wh. emboss. w/ avocado, triple & dbl. set; grn. sect. couch; formica cocktail tbl.; chandelier; mirrors; corner desk/ vanity, best offer. 921-3192.

MISC.: French prov. lamp w/candelabra effect, $35; 2 pc. kidney shaped coff. tbl., 2 tier, btm. smoke glass, tp. clear, match. round end tbl., $100. 735-3126.

PIANO: Upright, $50. 427-3116.

CONS. ORGAN: Lowrey Holiday, $600. IV 9-2945.

ENTERTAIN. CTR.: Magnavox lowboy, 6 ft., 23 in. TV, radio, phono., AM/FM, $90. 938-6140.

TURNTBL.: AR-XA manual 2-spd. w/dust cov., tone arm wgts., etc., $55 or best offer. 212 539-8571.

TV: 23 in. Admiral, B&W cons., $75. MA 6-2825.

PUPPY: Germ. shep., fem., AKC, silver, $80. 735-1866.

POODLES: Mini, all shots, male & fem., AKC, champ stock, $100. MO 9-6256.

PUPPIES: Dachshund, males, whelp. 8/28, AKC, choice of colors, reason. AN 6-2831.

BUICK: '63 Le Sabre, best offer. 799-1069.

LOGS: For firepl., oak, split. HA 7-0245.

Tomcat 1-X goes supersonic; 'stall' tests progress on No. 2

Tomcat 1-X—the high-speed F-14—flew supersonic last Thursday, September 16.

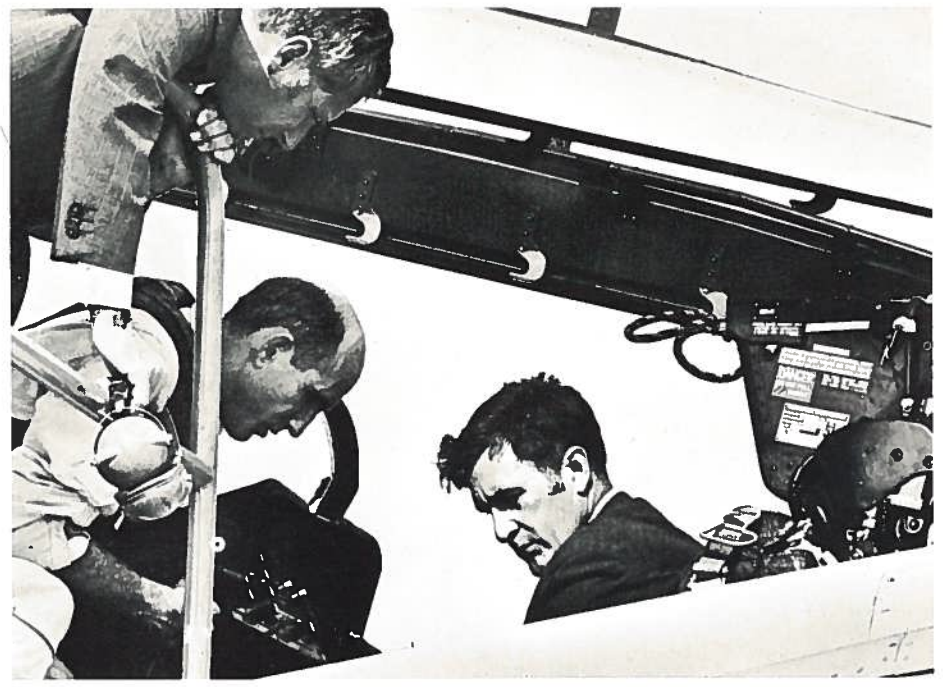
With Bill Miller in the pilot's seat and Hal Farley, project pilot at Point Mugu, in the back seat, the plane's time to accelerate was better than expected, said Miller. It flew at 68-degree sweep, the maximum.

Miller had nothing but praise for 1-X, which has now logged about 22 flight hours. "I want to thank an awful lot of people. They've done a fantastic job and deserve to be commended highly."

And there were kudos for Plane Captain Dick Mallory, who "keeps things purring on the 1-X," added Miller.

The low-speed aircraft, No. 2, has also experienced success. It's made half a dozen flights since September 3. Chief Test Pilot Chuck Sewell says No. 2 has been "flying direct lift control automatic throttle to optimize carrier glide slope control," simulating carrier landing. "We have proof tested the stall recovery chute at high dynamic pressure and it worked fine. We've run stability and control tests; and we've fired the EPU (Emergency Power Unit) on the ground and it's worked flawlessly."

Now if the weather would treat us better. . . .



The view from here . . .

With the 1971 United Fund of Long Island campaign about to get underway, many local community and voluntary social service agencies are seeking volunteers to insure the success of the drive. Can you help? If you want to become involved, send your name, address, and telephone number to the United Fund of Long Island, 425 Broad Hollow Road, Melville, N. Y. 11746.

At Kennedy Space Center, they've just had a successful picnic sponsored by the Grumman Aerospace Club. About 200 people atttended, with the menu including hot dogs, crabs, sausages, soda, and beer. Officers for the coming year are John Morrison, president; George Quinn, vice president; and Chuck Nelson, secretary-treasurer.

Frank Leone and his family dropped a note thanking all those at Grumman who were so kind during their recent loss. Their son, Frank, a 22-year old engineer with the Company, was killed in a sky-diving accident about a month ago and many anonymous contributors made it possible for the family to establish a Frank G. Leone Memorial Scholarship Fund.

Emily Giersberg, whose husband Henry works in the Record Center at Bethpage, was installed recently as president of the Long Island Chapter, National Secretaries Association. Emily had been selected as 1970 secretary of the year by the organization.

Seek new members

The Grumman Ex-Service Men's Club is hoping to boost its membership next year—and acting commander Al Kordula has already kicked off a program aimed at interesting veterans in joining the organization. Al says that the club is planning an open meeting on Monday, October 4, in the Plant 28 auditorium starting at 7:30 p.m. Bob Regan of the Nassau Veterans Agency, who is a veteran's counselor serving at Grumman, is scheduled to speak. Refreshments and a door prize are promised. The Ex-Service Men's Club has been active in providing entertainment and other forms of assistance to many hospitalized veterans.

When those Marylanders have a picnic they really go all out. Grumman's Plant 56 (Glen Arm, Md.) and Goddard Space Flight Center brought their families and turned out 900 strong for a bull roast September 11. It was held at the Merritt Point Park in Baltimore, and they had a real wingding. Vice President Ralph Tripp, director of the OAO Program, led a contingent from Bethpage.

For the second year in a row, Attack Squadron 165 won the Battle Efficiency Pennant for 1970-71 in a competition against all other Intruder squadrons in the Pacific Fleet. The squadron, commanded by Cdr. Tom Conboy, received the award from the Commander Naval Air Force, U.S. Pacific Fleet, for superior performance in Operational Readiness, competitive exercises to test the capabilities of Whidbey-based squadrons, and other administrative and operational evaluations.

Robert W. Washington of Presentations, Plant 5, was somehow omitted from the 20-year anniversary list for August. "I notice you didn't leave Lew Evans' name out," Bob commented ever so politely. Touché, Bob.

Donald J. Ball of Grumman Data Systems, DSC, didn't speak up, but he was left out of the 15-year roster. Sorry about that.

plane GRUMMAN news

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Navy visit. Navy Secretary John Chafee, shown above with Asst. Secretary Charles Ill, took time out during recent visit to 'sit up front' in Navy's newest fighter, the F-14A Tomcat, during briefing by test pilot Bill Miller. At right, new Deputy Chief of Naval Operations for Air, Vice Adm. M. F. (Mickey) Weisner, listens intently as E-2 Program Director Tom Guarino conducts tour of Hawkeye test facility. Below, Vice President Mike Pelehach guides Admiral Weisner on tour of Tomcat production line at Plant 1. (Top photo, Nat Scherer; others, Fred Annette)